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RecordCN1127305A: BERYLLIUM COPPER
ALLOY AND PRODUCING METHOD[No Image](#) | [View Cart](#)[Add to cart:](#) [More choices...](#)

Country: CN China

Kind: A Unexamined Applic. Open to Public Inspection

Inventor(s): MAO ZHIQIANG , China
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Issued/Filed Dates: July 24, 1996 / May 4, 1995

Application Number: CN19959595110748

IPC Class: C22C 9/00;

ECLA Code: none

Priority Number(s): May 4, 1995 CN19959595110748

Abstract: The present invention relates to a specific alloy and its production method. In addition to beryllium and copper said alloy contains the additive elements of nickel, chromium, titanium, cobalt and zirconium, and has the high strength, high hardness, high elasticity, high yield point, high fatigue limit, good wearability, resistance to corrosion, cold-resistance, and has no magnetism and doesn't produce spark when it is impacted. Its Rockwell hardness (HRC) is 35-55, tensile strength is 112-140 kg/sq.mm, torsion strength is 70-90 kg/sq.mm, torsion elasticity is 49-70 kg/sq.mm and elasticity limit is 77-105kg/sq.mm.

Other Abstract Info: none

Foreign References: (No patents reference this one)



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